

1. Solve the interest formula, $I = Prt$ for r .
2. Solve the volume formula, $V = lwh$ for w .
3. Solve the circumference formula, $C = 2\pi r$ for r .
4. Solve the distance formula, $D = rt$ for t .
5. Solve the density formula, $D = \frac{m}{v}$ for v .
6. Solve $E = mc^2$ for m .
7. Solve the average speed formula, $A = \frac{d}{t}$ for t .
8. Solve the perimeter formula, $P = 2L + 2W$ for W

9. Solve the formula for time, $T = \frac{d}{r}$ for d.

10. Solve the area of a triangle formula, $A = \frac{1}{2}bh$ for b.

11. Solve the volume of a cone formula, $V = \frac{1}{3}\pi r^2$ for r^2 .

In the following equations, solve for y.

12. $5x - 3y = 2$

13. $6y = 9x^2 + x + 1$

14. $\frac{1}{2}y = 6x + 4$

15. $3y + 4 = 6x$

16. $-2y - 4x = -2$